

AuroraGuard™ GPE2001EROHS

Aurora Material Solutions, LLC - Polyethylene

General Information
Product Description

GPE2001EROHS is a flame-retardant polyethylene-based compound designed for Wire & Cable applications and is formulated to comply with the RoHS Directive. GPE2001EROHS is suitable for 75°C continuous use and with an operating temperature range of -40°C to 80°C.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North America
Additive	• Flame Retardant
Features	• Flame Retardant
Uses	• Wire & Cable Applications
RoHS Compliance	• RoHS Compliant

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41 to 1.47		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5 to 4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	1200	psi	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	28	%	ASTM D2863

